

CLAIMS

1. A hearing screener apparatus comprising:
 - a housing;
 - a testing probe operatively coupled to the housing; and
 - at least one microphone, the microphone having a noise floor substantially similar to an industry standard microphone when the housing is grasped by a user.
2. The hearing screener apparatus of claim 1 wherein the at least one microphone is mounted with the testing probe.
3. The hearing screener apparatus of claim 2 wherein the testing probe is vibrationally isolated from the housing.
4. The hearing screener apparatus of claim 2 wherein the testing probe is elastically coupled to the housing.
5. The hearing screener apparatus of claim 4 further comprising an isolation body elastically coupled between the testing probe and the housing.
6. The hearing screener apparatus of claim 1 further comprising an ear tip mounted on

the testing probe for acoustically sealing the ear canal of a test subject.

7. The hearing screener apparatus of claim 1 wherein the hearing screener performs DPOAE testing.
8. A hearing screener apparatus comprising:
 - a housing;
 - a testing probe operatively coupled to the housing; and
 - at least one microphone, the at least one microphone having a noise floor of at least approximately 15 dB lower when the housing is grasped by a user than when the testing probe is grasped by a user.
9. The hearing screener apparatus of claim 8 wherein the at least one microphone is mounted with the testing probe.
10. The hearing screener apparatus of claim 9 wherein the testing probe is vibrationally isolated from the housing.
11. The hearing screener apparatus of claim 9 wherein the testing probe is elastically coupled to the housing.

12. The hearing screener apparatus of claim 11 further comprising an isolation body elastically coupled between the testing probe and the housing.
13. The hearing screener apparatus of claim 8 further comprising an ear tip mounted on the testing probe for acoustically sealing the ear canal of a test subject.
14. The hearing screener apparatus of claim 8 wherein the hearing screener performs DPOAE testing.
15. A hearing screener apparatus comprising:
 - a housing;
 - a testing probe operatively coupled to the housing; and
 - at least one microphone mounted with the testing probe, the testing probe being coupled to the housing such that the at least one microphone is vibrationally isolated from the housing.
16. The hearing screener apparatus of claim 15 wherein the testing probe is elastically coupled to the housing.
17. The hearing screener apparatus of claim 15 wherein the testing probe is vibrationally isolated from the housing.

18. The hearing screener apparatus of claim 17 further comprising an isolation body elastically coupled between the testing probe and the housing.
19. The hearing screener apparatus of claim 15 further comprising an ear tip mounted on the testing probe for acoustically sealing the ear canal of a test subject.
20. The hearing screener apparatus of claim 15 wherein the hearing screener performs DPOAE testing.
21. The hearing screener apparatus of claim 15 wherein the at least one microphone has a noise floor substantially similar to an industry standard microphone when the housing is grasped by a user.
22. The hearing screener apparatus of claim 15 wherein the at least one microphone has a noise floor of at least approximately 15 dB lower when the housing is grasped by a user than when the testing probe is grasped by a user.